

ABSTRACT

A substantially zero clearance clamping pivot shoe having a top and a bottom and including camming members having camming elements within leading edges. The camming members having disposed there-between a first and a second track clamping element provided therewith including a supplementary braking part engageable with a clamping element and a track portion for a window assembly disposed and riding between said clamping elements in use. The clamping members each having compatible camming elements engageable with respect to the top and bottom camming member elements or surfaces. The top and bottom clamping elements including track engaging parts and track supporting glide posts respectively integrally formed therewith to enable the track to glide unclamped yet supported between the clamping elements when the window is not pivoted. When the window is pivoted the leading edge of the camming surfaces of the top and bottom members override the camming surfaces of the clamping elements to cause the clamping portions to move towards one another thereby causing the clamping elements to immediately move toward one another and to clamp down on the laterally extending track portion of the window assembly and prevent movement of the sash within the track prior to the window being pivoted beyond the angle whereat the free end of the window would no longer be disposed in the track.